

CLAIMS

- [001] A dishwasher comprising at least one rinsing container (1) and a spray device for spraying rinsing liquid into the interior of the rinsing container (1), characterised in that the spray device comprises at least one spray channel (3) which guides a rinsing liquid, which has openings (4) for passage of the rinsing liquid on a side directed towards the interior of the rinsing container (1) and two open ends via which rinsing liquid can be supplied in a pressurised manner, and that at least one distributor (5) is provided for regulating the supply of rinsing liquid to the spray channel (3).
- [002] The dishwasher according to claim 1, wherein the at least one distributor (5) is arranged so that it is movable and is preferably displaced in a to-and-fro movement in alternating directions (A).
- [003] The dishwasher according to claim 2, wherein the at least one distributor (5) has at least one opening (6) through which rinsing liquid can be supplied in a pressurised manner via an open end of the spray channel (3) in a certain position of the distributor (5).
- [004] The dishwasher according to any one of the preceding claims, wherein a distributor (5) is provided both at the first open end of the at least one spray channel (3) and a distributor (5) is provided at the second open end of the at least one spray channel (3), which regulate the supply of rinsing liquid to the spray channel (3).
- [005] The dishwasher according to any one of the preceding claims, wherein a number of spray channels (3) is provided whose first open end is each coupled to a first distributor (5) and whose second open end is each coupled to a second distributor (5).

- [006] The dishwasher according to any one of the preceding claims, wherein at least one distributor (5) can be driven preferably to a periodic movement (A) by means of a drive (7, 8, 9).
- [007] The dishwasher according to claim 6, wherein the drive comprises a rotary disk (7) and a cam (8) arranged thereon, which engages in a drive slot (9) formed in the distributor (5).
- [008] The dishwasher according to any one of the preceding claims, wherein the pressure at which the rinsing liquid is supplied to the spray channel (4, 5) is variable.
- [009] The dishwasher according to any one of the preceding claims, wherein the spray channel (3) is tubular and the openings(4) for the passage of rinsing liquid are constructed over a certain arc segment on the side of the spray channel (3) directed towards the interior of the rinsing container (1).
- [010] The dishwasher according to any one of the preceding claims, wherein the rinsing container (1) is constructed as trough-shaped and a number of spray channels (3) preferably aligned parallel to one another are arranged at least on the bottom (2) of the rinsing container (1).